

Combined Declaration and Power of Attorney

As a below named inventor, I hereby declare that:

This declaration is of the following type:

☒ original ☐ supplemental

☒ national stage of PCT

☐ divisional ☐ continuation ☐ continuation-in-part

My residence, post office address and citizenship are as stated next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

ALKALI METAL GENERATING AGENT, ALKALI METAL GENERATING DEVICE, PHOTO-CATHODE, SECONDARY-ELECTRON EMITTING SURFACE, ELECTRON TUBE, METHOD OF PRODUCTION OF PHOTO-CATHODE, METHOD OF PRODUCTION OF SECONDARY-ELECTRON EMITTING SURFACE, AND METHOD OF PRODUCTION OF ELECTRON TUBE
 the specification of which
☒ is attached hereto.

☐ was filed on _____
 as United States Application Serial Number _____ and,
 was amended on _____ (if applicable).

☒ was filed on January 16, 2004
 as PCT International Application Number PCT/JP2004/000304 and,
 was amended under PCT Article 19 on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority under Title 35, United States Code, Section 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

PRIOR FOREIGN APPLICATIONS, BENEFIT CLAIMED UNDER 35 USC §119(a)

| Application Number | Country | Date of Filing (Day/Month/Year) | Priority Claimed Under 35 USC 119 | |
|--------------------|---------|------------------------------------|---|-----------------------------|
| P2003-009927 | Japan | 17 / January / 2003 | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| _____ | _____ | _____ | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| _____ | _____ | _____ | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

PRIOR U.S. PROVISIONAL APPLICATIONS, BENEFIT CLAIMED UNDER 35 USC §119(e)

Application Number

Filing Date

I hereby claim the benefit of Title 35, United States Code Section 120 of any United States application(s), or 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS
DESIGNATING THE U.S., BENEFIT CLAIMED UNDER 35 USC §120

| | | |
|-------------------|---------------|--|
| (Application No.) | (Filing Date) | (Status: Patented, Pending, Abandoned) |
| (Application No.) | (Filing Date) | (Status: Patented, Pending, Abandoned) |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the registered practitioners of MORGAN, LEWIS & BOCKIUS LLP included in the Customer Number provided below to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Customer Number 009629

Send Correspondence to: Customer Number 009629

MORGAN, LEWIS & BOCKIUS LLP

1111 Pennsylvania avenue, NW

WASHINGTON D.C., 20004

Direct Telephone Calls to: John G. Smith at telephone number 202-739-3000

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| | |
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| Full Name of sole or first inventor Takashi WATANABE | |
| Inventor's signature | Date |
| Residence Hamamatsu-shi, <u>Shizuoka</u> , Japan JPX | |
| Citizenship Japan | |
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| Full Name second joint inventor, if any Yoshiro AKAI | |
| Second inventor's signature | Date |
| Residence Hamamatsu-shi, <u>Shizuoka</u> , Japan JPX | |
| Citizenship Japan | |
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|---|---------------------------------|
| Full Name third joint inventor, if any Shirou SAKAI | |
| Third inventor's signature Shirou Sakai | Date February 8, 2005 |
| Residence Hamamatsu-shi, <u>Shizuoka</u> , Japan JPX | |
| Citizenship Japan | |
| Post office address c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 Japan | |

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the specification of which
☒ is attached hereto.

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was amended on _____ (if applicable).

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PRIOR FOREIGN APPLICATIONS, BENEFIT CLAIMED UNDER 35 USC §119(a)

| Application Number | Country | Date of Filing (Day/Month/Year) | Priority Claimed Under 35 USC 119 | |
|---------------------|--------------|------------------------------------|---|-----------------------------|
| <u>P2003-009927</u> | <u>Japan</u> | <u>17 / January / 2003</u> | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| _____ | _____ | _____ | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| _____ | _____ | _____ | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

PRIOR U.S. PROVISIONAL APPLICATIONS, BENEFIT CLAIMED UNDER 35 USC §119(e)
Application Number Filing Date

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PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS
DESIGNATING THE U.S., BENEFIT CLAIMED UNDER 35 USC §120

| | | |
|-------------------|---------------|--|
| (Application No.) | (Filing Date) | (Status: Patented, Pending, Abandoned) |
| (Application No.) | (Filing Date) | (Status: Patented, Pending, Abandoned) |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

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1111 Pennsylvania avenue, NW

WASHINGTON D.C., 20004

Direct Telephone Calls to: John G. Smith at telephone number 202-739-3000

| | |
|---|----------------------------------|
| Full Name of sole or first inventor Takashi WATANABE | |
| Inventor's signature <i>Takashi Watanabe</i> | Date <i>December 27. 2004</i> |
| Residence Hamamatsu-shi, Shizuoka, Japan | |
| Citizenship Japan | |
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| | |
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| Full Name second joint inventor, if any Yoshiro AKAI | |
| Second inventor's signature <i>Yoshiro Akai</i> | Date <i>28th. Dec., '04</i> |
| Residence Hamamatsu-shi, Shizuoka, Japan | |
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| Full Name third joint inventor, if any Shirou SAKAI | |
| Third inventor's signature | Date |
| Residence Hamamatsu-shi, Shizuoka, Japan | |
| Citizenship Japan | |
| Post office address c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 Japan | |